



Legislative Funding Update: American Recovery & Reinvestment Act of 2009 Final Version

The U.S. Senate gave final approval to the compromise version of the \$787 billion *American Recovery & Reinvestment Act* late on February 13, 2009. In the House vote hours earlier, no Republicans voted in favor of the bill, and seven Democrats voted against it. This document will be updated with more detail as information becomes available. President Obama is expected to sign the bill by Presidents' Day, February 16. ASTRA has created this preliminary analysis of significant R&D funding components of the package, and tried to flag areas of change from our last update. More specificity if now possible. Note that the final bill provides no funding for the **Technology Innovation** and **Manufacturing Extension Partnership** Programs at the **National Institute of Standards & Technology (NIST)**. Please find additional information on our Web Sites at: www.usinnovation.org and www.aboutastra.org

American Recovery and Reinvestment Act of 2009 (\$ thousands)

Department or Agency Being Funded	House Mark	Senate Mark	Final Conference Result	Comments / Cautions
National Telecommunications and Information Administration				
Advanced Broadband Program	\$2,825,000	\$8,650,000	\$4,350,000	Final Conference Bill Compromise
Broadband Mapping	\$350,000	\$350,000	\$350,000	Unchanged
DTV Coupons	\$650,000	\$650,000	\$650,000	Unchanged
Total	\$3,825,000	\$9,650,000	\$5,350,000	<= Conference Total
National Institute of Standards and Technology				
Scientific and Technical Research and Services (Research)	\$100,000	\$218,000	\$220,000	Final Conference Bill Number = +
Technology Innovation Program	\$70,000	\$0	\$0	TIP Receives No Funding
Manufacturing Extension Partnership Program	\$30,000	\$0	\$0	MEP Receives No Funding
Health IT - from NIH Director			\$20,000	New in Conference bill
Construction	\$300,000	\$357,000	\$360,000	Final Conference Bill Number = +
Total	\$500,000	\$575,000	\$600,000	<= Conference Total
National Oceanic & Atmospheric Administration				
Operations, Research, and Facilities	\$400,000	\$427,000	\$230,000	Compromise
Procurement, Acquisition, and Construction	\$600,000	\$795,000	\$600,000	Lower House Version Prevails
Office of Inspector General			\$6,000	
Total	\$1,000,000	\$1,222,000	\$836,000	<= Conference Total
National Aeronautics and Space Administration				
Science	\$400,000	\$500,000	\$400,000	Lower House Version Prevails
Aeronautics	\$150,000	\$250,000	\$150,000	Lower House Version Prevails
Exploration	\$0	\$0	\$400,000	New in Conference Bill
Cross-Agency Support (Construction)	\$50,000	\$250,000	\$50,000	Lower House Version Prevails
Office of Inspector General			\$2,000	Conference Bill Final total
Total	\$602,000	\$1,002,000	\$1,002,000	<= Conference Total
National Science Foundation				
Total Research and Related Activities (RRA)	\$2,500,000	\$1,200,000	\$2,500,000	Higher House Number Prevails
<i>of which ... Major Research Instrumentation Program (ST)</i>			\$300,000	<i>of the \$2,500,000 for RRA</i>
<i>of which ... Academic Research Facilities Modernization (ST)</i>			\$200,000	<i>of the \$2,500,000 for RRA</i>
Major Equipment and Facilities Construction	\$400,000	\$150,000	\$400,000	Higher House Number Prevails
Education and Human Resources	\$100,000	\$50,000	\$100,000	Higher House Number Prevails
Office of the Inspector General	\$2,000	\$2,000	\$2,000	
Total	\$3,002,000	\$1,402,000	\$3,002,000	<= Conference Total

 = Comment, Estimate or Caution



Department or Agency Being Funded

Department of Energy - Energy Programs

Energy Efficiency and Renewable Energy

Applied Research, Development, Demonstration, and Deployment			
Biomass			
Geothermal			
Research to improve efficiency of IC&T and improve standards			
Energy Efficiency Block Grants			
Weatherization Assistance			
State Energy Programs - As per Part D of Title III of the EPACA			
Advanced Battery Manufacturing	\$2,000,000	\$2,000,000	
Alternative Fuel Vehicles Pilot Grant			
Transportation Electrification			
Energy Efficient Appliance Rebate			
Electricity Delivery and Reliability			
Worker Training			
Fossil Energy R&D			
Fossil Energy R&D programs			
Clean Coal Power Initiative			
Compet. Solicit. for Carbon Capture Energy Efficiency Imprv'mts.			
Resource Assm't. of Future Demand and Transmission Requirements			
Implement section 1305 of Public Law 110-140			
Non-Defense Environmental Cleanup	\$0	\$483,000	
Uranium Enrichment Decontamination and Decommissioning Fund	\$0	\$390,000	
Total			

House Mark

Senate Mark

Final Conference Result

Comments / Cautions

Funding Categories were revised in the Final Conference Bill - this obviates most direct comparisons w. previous versions of this analysis

\$2,500,000	
\$800,000	
\$400,000	
\$50,000	
\$3,200,000	Reduced from \$3,500
\$5,000,000	Not considered Research
\$3,100,000	Below HR 1, above S. 336
\$2,000,000	Unchanged
\$300,000	Lower than HR1 and S. 336
\$400,000	Double earlier levels
\$300,000	House level, not Research
\$4,500,000	No change
\$100,000	No change
\$3,400,000	Below S. 336, above HR 1
\$1,000,000	
\$800,000	
\$1,520,000	
\$80,000	
\$10,000	
\$483,000	Unchanged
\$390,000	Unchanged
\$26,583,000	<= Conference Total

Office of Science

Science	\$1,500,000	\$0	
Lab construction		\$330,000	
ARPA-E	\$400,000	\$0	
Total	\$1,900,000	\$330,000	

\$1,600,000	House Version Prevails w. Increase Unspecified
\$400,000	House version prevails = +
\$2,000,000	<= Conference Total

Labor, Health and Human Services, Education & Related Agencies

Centers for Disease Control and Prevention

Buildings and Facilities	\$462,000	\$412,000	
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\$0 Eliminated in Conference

National Institutes of Health

National Center for Research Resources	\$1,500,000	\$300,000	
Office of the Director	\$1,500,000	\$2,700,000	
for Transfer to Centers			
for Director's Use			
Buildings and Facilities	\$500,000	\$500,000	
Total	\$3,500,000	\$3,500,000	

\$1,300,000	Compromise total
\$8,200,000	Significant increase in Conference
\$7,400,000	
\$800,000	
\$500,000	Unchanged
\$10,000,000	<= Conference Total

= Comment, Estimate or Caution